

CLAIMS

1. Bottom drain valve especially for enameled containers of the chemical industry on which strict requirements are imposed with respect to resistance, cleanability, and functional reliability, with a flange part (2), consisting of a cylindrical section (2a), which can be inserted into a ring-shaped necked section (1) of the container to form the seat of the valve disk, and of a collar (2c) extending transversely to the cylindrical section, by means of which the flange part (2) can be connected to the container, characterized in that the flange part (2) has a conical taper (7) at the upper end, and in that a cylindrical sealing module (5) is inserted in the area of the ring-shaped necked section (1) between the flange part (2) and the enameling of the container wall, the upper part of this module being provided with a reinforced, elastically/plastically deformable ring-shaped sealing area (5c).

2. Bottom drain valve according to Claim 1, characterized in that the reinforcement of the sealing module (5) is formed by an elastically/plastically deformable, ring-shaped, replaceable sealing element (6), around which the thin-walled material at the free end is folded.

3. Bottom drain valve according to Claim 1, characterized in that the reinforcement of the sealing module (5) in the area of the free end is formed by a corrugated terminal section (9).

4. Bottom drain valve according to one of Claims 1-3, characterized in that the sealing module (5) is made of PTFE.